******Robust Power over Ethernet switches**

# Phoenix Contact is expanding its selection of Power over Ethernet (PoE) switches with new unmanaged and managed switches. These switches are suited for harsh ambient conditions in applications such as video monitoring, machine automation, and building automation. In addition they are compatible with all IEEE 802.3 at (PoE+)-compliant devices available on the market.

# The 1000 series unmanaged PoE switches offer a wide temperature range, full gigabit ports and support for jumbo frames, along with monitoring for connection breaks on individual ports. Based on the PoE power budget of 30 watts per port and variants that feature SFP fiberglass ports, PoE-capable terminal devices can be connected flexibly and without additional configuration.

# The 4000 series managed PoE switches feature a high PoE power budget of 60 watts per port in anticipation of the new IEEE 802.3bt standard. Additional advantages include gigabit SFP ports and new configuration options. Scheduling enables on-time activation of PoE functionality to reduce data traffic and power consumption. The status of the connection to the terminal device is monitored using the watchdog function. In the event of a malfunction, it is automatically restarted or shut down.

**ENDS**

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